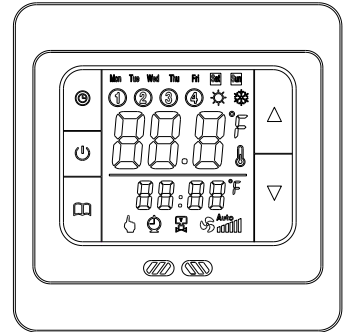

Weekly Programmable Touch Screen Heating Thermostat

General Information

- BYC07H Touch Screen Heating Thermostat with weekly programming adopts the latest MCU technology.
- This appliance operates with the following heating equipment: Water heating system / electric heating / actuator control.
- Large LCD display with green / blue or white backlight.
- Digital display of current temperature and user selected temperature setting on demand, for easy use.
- Choose between manual control or automatic periods of time control.
- Operates daily to four time periods and the setting temperature.
- Examples of time modes: 5+2 / 6+1 / 7days.
- Highly reliable with powerful anti-jamming feature.
- In the event of a power cut, the clock continues to operate and will not affect the program of time settings.
- Keypad lock function for safety and security.
- Mini size junction box.
- Wide voltage input: 230VAC 50Hz/60Hz.
- Extra sensor: 3 meters (Optional).
- Flame retardant.
- Easy and safe to clean.
- Suitable worldwide.



Operation Guide

- Press  to turn on or turn off the power.
- Press  or  to adjust the setting temperature value and other settings.
- Press, and hold  for 5 seconds, and the thermostat will enter into the 'current time' adjustment.
Press  to choose the week / hour / minute to be modified. Press  or  to modify.
After the time is set press  then exit the clock setting.
- Press  to choose the user manual mode  or automatic mode .
- Press and hold the  key for 5 seconds, This will enter into the period of time setting mode. Press  to choose the setting needed to be modified; it will start the time and setting temperature. Press  or  to modify the value.
- To lock the controller keypad press   for 2 seconds at the same time 'LCD' will show ---, in the locked status, press the keys   again for 2 seconds, and the keypad will be unlocked. LCD will show temperature value.

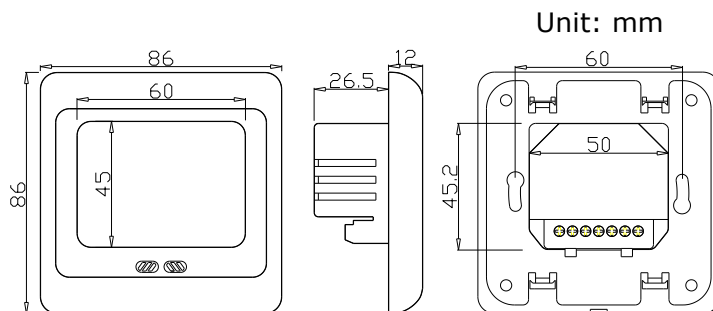
Advance Function Setting

- To enter into advance function setting: Press the power  into the shutdown status, then press  and it will turn on. Keep pressing  for 5 seconds, it will enter into the advanced function setting.
- Calibration for room temperature measurement value: From -5.0-→+5.0 °C adjust  or  to modify, measure the current room temperature and adjust the temperature on the screen to match.
- Press the key  to select the period-time mode: The main display shows **Pr**  the week area will be **Mon Tue Wed Thu Fri Sat Sun**, you can use  or  to choose the mode 5 + 2 / 6+1 / 7days.
- Press the key  into Antifreeze feature set (**LtP**): You can use  or  to choose: **ON**: Enable / **OFF**: Disable.
- Press the key  to select Sensor or temperature control mode. You can use  or  to choose: **IN** (internal control, room sensor) / **OUT** (external control, floor sensor) / **ALL** (double temperature double control, the internal room temperature sensor, external sensor overheating protecting).
- Press the key  to set the value of external temperature sensor limit, display (**ToP**): (setting range: 0 to 80 °C) (factory setting: 50°C).
- Press the key  to Restore factory settings display (**deF**): Once complete, it will revert back to normal working status automatically.

Technical Parameters

- Power Supply: 230VAC ±10% 50/60 Hz (24VAC Optional)
- The maximum switch power is 3600W
- Internal sensor setting range: 5 - 35°C (programmable) (factory setting: 25°C)
- Internal sensor measurement range: 0 - 40°C
- External sensor measurement range: 0 - 90°C
- Display Type: Touch LCD screen, display area size: 60 x 45 mm
- Inside Sensor: NTC B=3380 10k @25degrees Celsius
- Extra Sensor: Length=3M NTC B=3380 10k @25degrees Celsius (optional)
- Setting Unit: 0.5°C / step
- Indication Accuracy: 0.1°C
- Weight: 180 g/piece
- Inner Box Size: 100 x 100 x 60 mm

Dimensions:



Setup Guide:

